LABDEX

Horizontal Autoclave LX311HA

Email: info@labdex.com **website:** www.labdex.com

Description

Horizontal Autoclave LX311HA is a double door pulse vacuum sterilizer designed with three-level biosafety protection to ensure the safety of operators and the surrounding working environment. It incorporates advanced waste gas treatment, wastewater treatment, and biological isolation systems for enhanced biosafety and contamination control. The autoclave features a durable stainless-steel main structure, a European-style sealing ring, and an intelligent control system for efficient operation.

Specifications

Capacity	3000 L
Inner chamber dimension (W x H x D)	900 x 1380 x 2420 mm
Design temperature	150°C
Sterilisation temperature range	105 - 139°C
Jacket design pressure	0.3 Mpa
Door	Motorised door
Steam consumption	160 Kg/Cycle
Water consumption	1500 Kg/Cycle
Control	PLC + Color touch screen
Power supply	380 V, 50 Hz, 8 kW
External dimension (L x W x H)	2737 x 1899 x 2200 mm
Net weight	3500 Kg
Packing dimension and Gross weight	2900 x 2050 x 2550 mm; 3350 Kg 2200 x 1950 x 1300 mm; 260 Kg

Features

- Patented sealing structure integral single door panel, and Parylene-coated hollow sealing ring
- Seamless polished 316 L stainless-steel sanitary pipe fittings
- 316 L Stainless steel chamber and doors
- Built-in sterilization programs for tools, sterile clothing, tubular instruments, rubber, and liquids
- Intelligent control system automatic operation and real-time display of operational status
- Equipped with pressure safety interlock, liquid program features temperature safety interlock
- High efficiency air filter with ≤ 0.22 μm filtration accuracy and 99.97 % sterilization rate
- High quality, tear-resistant silicone rubber circular hollow sealing ring
- PLC Controlled system with color touch screen, automatically displaying process parameters
- Communication interface (USB) compatible with traceability systems, supporting software
- Real-time process data printing via built-in micro-needle printer

Applications

- The sterilizer is ideal for use in biopharmaceuticals, healthcare, and experimental animal laboratories. It efficiently sterilizes medical instruments, sterile clothing, tubular instruments, rubber, liquids, medical waste, and other items with stringent sterilization and drying requirements.

Optional Accessories

- Built-in steam generator

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

Email: info@labdex.com | Website: www.labdex.com